SmartBoard

Smartcard reading keyboard from our 6700 series.

For smartcard applications in the home and at work

Inclusive:
- GSM software
- Cash card value checker

FCC Part 15
Subpart B
Class B

Details of other approvals available on request

Designed for
Microsoft
Windows NT
Windows 98

Key benefits

– 104 and 105 keys
– Space-efficient compact keyboard
– Uses membrane contact switches incorporating rubber-mat technology designed for use by individuals
– Reliability: MCBF= 1 x 10^9 operations; MTBF > 80,000 hours; operating life of individual keys > 20 million operations
– Usable as class 2 terminal
– Simple installation with accompanying plug-and-play diskette
– The Smartcard reader can be run optionally either with the PS/2 or via the RS 232 interface

Applications

The keyboard is especially suitable for home banking with the HBCI smart card issued by German banks and for digital signatures complying with the German signature law (SigG). Thanks to direct input of the PIN with the smart card, data cannot be entered openly in the PC. It can still be used for access checks, network log-on and internet transactions requiring smart cards. Please ensure that your application software supports the Cherry G83-6700 or allows our drivers to be added later. You can find additional software and development tools, GSM card editing and money card value checkers on the enclosed Cherry CD.

Technical specifications

Keyboard

Dimensions:
(L x W x H mm)
458 x 195 x 53,1 mm

Weight:
approx. 1500 g

Temperature range:
Storage temperature:
-20°C to +60°C
Operating temperature:
0°C to +50°C

Power supply:
+5 V/DC ± 5%

Current input:
Typ. 100 mA

- Cable connector:
  1,75 m long with PS/2 plug or Y-connector with PS/2 plug and RS 232 plug.

Smartcard terminal

- 1 smartcard terminal complying with PC/SC (Personal Computer/Smartcard Workgroup) specifications. For more information about PC/SC-specification visit Internet:
  http://www.smartcardsys.com
- Card reader unit with push-pull mechanism
- Position of contacts complying with ISO 7816/2
- Electrical characteristics complying with ISO 7816/3 GSM 11.11
- Data is transferred to the PC at high speed through the serial port or at low speed via the keyboard port

Protocols

- Smartcard interface:
  Asynchronous protocols T=0, T=1

Home Banking

Accessories

– GSM Adapter
– Cherry CD

Drivers and latest Drivers updates can be downloaded from Cherry's website at: http://www.cherry.de

Stock codes

G83-6700 LQB..(1)

Cable with two plugs, PS/2 for keyboard, RS 232 for smartcard

G83-6700 LQZ..(1)

Cable with two plugs, PS/2 for keyboard, RS 232 for smartcard.
IT SEC E2-high approved to SigG.

(1) International layouts

BE	=	Belgian
DK	=	Danish
DE	=	German
GB	=	English (UK)
US	=	English (US)
FR	=	French
IT	=	Italian
NO	=	Norwegian
SL	=	SI / HR / YU / BiH
SF	=	Swedish/Finnish
CH	=	Swiss
ES	=	Spanish

Additional layouts available to order